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12. A method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:
uniquely identifying an Internet user via a telephone call; and
notifying said Internet user through a personalized notification message that said calling party is requesting access to said Internet user over said telephone line.

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18. A method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:
determining at a central office a likelihood that said Internet user is connected with said Internet;
notifying an attempted calling party to said Internet user of said likelihood from said central office; and
giving said calling party an opportunity of sending said Internet user a personalized message

19. Apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:
means for uniquely identifying an Internet user via a telephone call;
and
means for notifying said uniquely identified user that said calling party is requesting access to said Internet user over said telephone line through a personalized message.

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25. Apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:
means for determining at a central office a likelihood that said Internet user is connected with said Internet; and
means for notifying an attempted calling party to said Internet user of said likelihood to allow said calling party an opportunity to give said Internet user a personalized message.

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26. Apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line, comprising:

a specially designated, predetermined telephone number center adapted to receive a call from a caller with a desire to send a notification message to a called-but-busy party; and

a message formatter;

B5
Cont.

wherein said specially designated, predetermined telephone number center is adapted to cause said message formatter to send a notification message to said called-but-busy party upon request from a remote telephone user.

5b
E1

27. The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, wherein:

said remote telephone user is a party trying to establish a telephone call with said called-but-busy party.

28. The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, further comprising:

a call related information receiver;

wherein call related information regarding a calling party is included with said notification message.

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29. The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, wherein:

said call related information receiver is a Caller ID receiver.

30. The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, further comprising:

said notification message is a textual message.

31. The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 30, wherein:

said textual message is an e-mail message.

32. The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, further comprising:

said notification message includes an audibly playable data file.

33. A method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

uniquely identifying an Internet user via a telephone call; and

notifying said Internet user through a specially designated, predetermined telephone number center that said calling party is requesting access to said Internet user over said telephone line.

34. The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, further comprising:

receiving a notification request from said calling party.

35. The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, further comprising:

receiving a notification request from a central office.

36. The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, further comprising:

determining at a central office a likelihood that said Internet user is connected with said Internet.

37. The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, wherein:

said notification is an e-mail message.

38. The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, wherein:

said notification is an audibly playable message.

39. Apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

means for uniquely identifying an Internet user via a telephone call;

and

means for notifying said uniquely identified user that said calling party is requesting access to said Internet user over said telephone line through a specially designated, predetermined telephone number center.

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40. The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, further comprising:

means for receiving a notification request from said calling party.

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41. The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, further comprising:

means for receiving a notification request from a central office.

42. The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, further comprising:

means for determining at a central office a likelihood that said Internet user is connected with said Internet.

43. The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, wherein:

said notification is an e-mail message.

44. The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, wherein:

said notification is an audibly playable message.

Version with Markings to Show Changes Made

1. (Twice Amended) Apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line, comprising:

an Internet communication module; and
a message formatter;

wherein said Internet communication module is adapted to cause said message formatter to send a personalized notification message to said called-but-busy party upon request [of an Internet interruption] from a remote telephone user.

12. (Twice Amended) A method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

uniquely identifying an Internet user via a telephone call; and
notifying said Internet user though a personalized notification message that said calling party is requesting access to [an Internet interruption of] said Internet user over said telephone line.

18. (Twice Amended) A method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

determining at a central office a likelihood that said Internet user is connected with said Internet; [and]
notifying an attempted calling party to said Internet user of said likelihood from said central office; and
giving said calling party an opportunity of sending said Internet user a personalized message.

19. (Twice Amended) Apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

means for uniquely identifying an Internet user via a telephone call;

and

means for notifying said uniquely identified user that said calling party is requesting [an Internet interruption of] access to said Internet user over said telephone line through a personalized message.

25. (Twice Amended) Apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

means for determining at a central office a likelihood that said Internet user is connected with said Internet; and

means for notifying an attempted calling party to said Internet user of said likelihood [from said central office] to allow said calling party an opportunity to give said Internet user a personalized message.

Kindly add the following claims:

--26. (New) Apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line, comprising:

a specially designated, predetermined telephone number center adapted to receive a call from a caller with a desire to send a notification message to a called-but-busy party; and

a message formatter;

wherein said specially designated, predetermined telephone number center is adapted to cause said message formatter to send a notification message to said called-but-busy party upon request from a remote telephone user.

27. (New) The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, wherein:

said remote telephone user is a party trying to establish a telephone call with said called-but-busy party.

28. (New) The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, further comprising:

a call related information receiver;

wherein call related information regarding a calling party is included with said notification message.

29. (New) The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, wherein:

said call related information receiver is a Caller ID receiver.

30. (New) The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, further comprising:

said notification message is a textual message.

31. (New) The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 30, wherein:

said textual message is an e-mail message.

32. (New) The apparatus for notifying a called-but-busy party of an incoming telephone call attempt over a telephone line while the called-but-busy party is accessing the Internet over the same telephone line according to claim 26, further comprising:

said notification message includes an audibly playable data file.

33. (New) A method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

uniquely identifying an Internet user via a telephone call; and
notifying said Internet user through a specially designated, predetermined telephone number center that said calling party is requesting access to said Internet user over said telephone line.

34. (New) The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, further comprising:

receiving a notification request from said calling party.

35. (New) The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, further comprising:

receiving a notification request from a central office.

36. (New) The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, further comprising:

determining at a central office a likelihood that said Internet user is connected with said Internet.

37. (New) The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, wherein:

said notification is an e-mail message.

38. (New) The method for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 33, wherein:

said notification is an audibly playable message.

39. (New) Apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user, comprising:

means for uniquely identifying an Internet user via a telephone call;

and

means for notifying said uniquely identified user that said calling party is requesting access to said Internet user over said telephone line through a specially designated, predetermined telephone number center.

40. (New) The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, further comprising:

means for receiving a notification request from said calling party.

41. (New) The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, further comprising:

means for receiving a notification request from a central office.

42. (New) The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, further comprising:

means for determining at a central office a likelihood that said Internet user is connected with said Internet.

43. (New) The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, wherein:

said notification is an e-mail message.

44. (New) The apparatus for notifying an Internet user of a telephone line that a calling party is attempting to connect with said Internet user according to claim 39, wherein:

said notification is an audibly playable message.--